

Taking care of people, our masterpieces

Duetto MT EVO

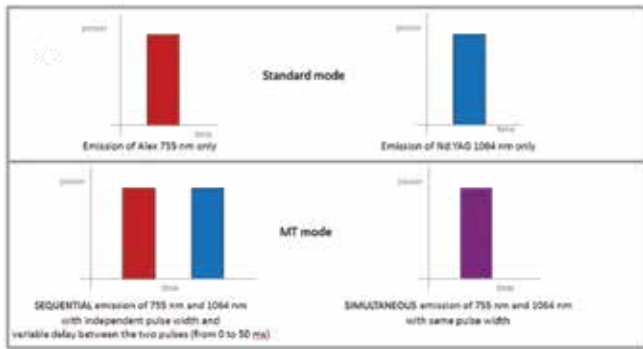
Alexandrite and Nd:YAG Lasers
Combined with Mixed Technology



DUETTO MT EVO

NEW “NO COMPROMISE” TECHNOLOGY

Duetto MT EVO laser combines two laser wavelengths (755 and 1064 nm) in a single emission with programmable fluence, pulse duration and adjustable sequencies to increase the treatment’s safety and effectiveness.



Duetto MT EVO performs the largest range of hair reduction* applications, as well as vascular and rejuvenation treatments. Due to the wavelength and pulse **Mixed Technology**, **Duetto MT EVO** allows operator to select single or double wavelength emissions, using simultaneous or sequential pulses that can be adjusted according to the patient’s needs.

Duetto MT EVO is the final solution for the professionals of the aesthetic medicine market, enabling tailored treatments with no compromise between safety and effectiveness. A full set of handpieces is available on request, with spot sizes up to 16 mm.

ACCESSORIES & OPTIONS

TWAIN 2940

Twain 2940 is a laser hand-piece that fits to the Twain universal connector present on the Quanta System laser platforms. It has been designed to perform ablation procedures, both fractional and homogeneous. The Er:YAG laser @ 2940 nm is able, through the variation of pulse parameters, to remove the layers of skin with minimal thermal damage or produce a higher coagulation suitable for the stimulation of collagen production.



FRACTIONAL
skin resurfacing
traumatic and acne scars
epidermal dyschromia
sun and age spots

HOMOGENOUS
skin ablation
full skin resurfacing

TWAIN IPL

Duetto MT EVO can be equipped with Twain IPL handpieces. The contact skin cooling and the 6 range of wavelengths available, expand flexibility and versatility in the treatments.



permanent hair reduction
benign pigmented lesions
skin rejuvenation procedures
dermatological vascular treatments
active acne

Integrated Contact SKIN COOLER

The skin cooler is fully integrated into the system. In all protocols performed with pulsed lasers, it ensures an efficient thermal protection and increases the treatment comfort.



SKINCRYO

It is an adapter that integrates the optics of pulsed laser with Zimmer air cooling. This handpiece ensures the best pain reduction when treating large areas.



* Permanent hair reduction is defined as the long-term stable reduction in the number of hairs regrowing when measured at 6, 9, and 12 months after the completion of a treatment regimen.

RESULTS
BEFORE / AFTER



COMPARATIVE PERMANENT HAIR REDUCTION
755 nm - 755+1064 nm
Courtesy Paolo Sbano MD



COMPARATIVE PERMANENT HAIR REDUCTION
755 nm - 755+1064 nm Post 2 treatments, follow-up 4 months
Courtesy Paolo Sbano MD



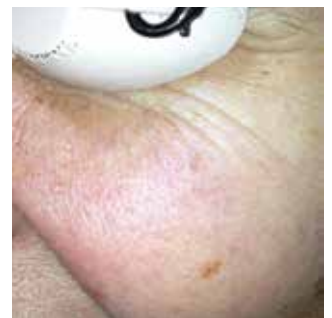
SKIN REJUVENATION
Courtesy Dhami MD



PERMANENT HAIR REDUCTION
Courtesy Paolo Sbano MD



VASCULAR LESIONS LEGS
Courtesy Emilio Bonizzoni MD



SPIDER ANGIOMA
Courtesy Emilio Bonizzoni MD

TECHNICAL SPECIFICATIONS

Laser		Nd:YAG Pulsed	Alexandrite Pulsed	Nd:YAG + Alexandrite Pulsed
Wavelength	(nm)	1064	755	1064 + 755
Pulse width	(ms)	0.3 ÷ 300*	0.3 ÷ 300*	0.3 ÷ 300*
Burst mode		up to 3 pulses Ton and Toff adjustable	up to 3 pulses Ton and Toff adjustable	up to 3 pulses Ton and Toff adjustable only for simultaneous mode
Beam delivery		optical fiber with detachable handpiece		
Spot size	(mm)	2 ÷ 16	6 ÷ 16	2 ÷ 18
Max fluence	(J/cm ²)	500 (software limited)	500 (software limited)	500 A + 500 Y (software limited)
Repetition rate	(Hz)	up to 10	up to 10	up to 5
Skin Cooling system		integrated skin cooler (optional) or air cooling handpiece adaptor (optional)		
Electrical requirements		3.7 kVA, 200-240 Vac; 50/60 Hz		
Dimensions and weight		530(W) x 1043 (D) x 1060 (H) mm ³ ; 150 Kg		
Notes		* the pulse-width range can change depending on repetition rate and mix mode configuration		

The certified model name is: Duetto MT

OPTION	Twain 2940	Twain IPL						
Source	Er:YAG	IPL handpieces						
Wavelength	(nm)	2940	650-1200	625-1200	590-1200	570-1200	550-1200	400-1200
Pulse width	(ms)	0.3÷1	5 - 240					
Repetition rate	(Hz)	up to 6	0,5					
Spot size	(mm)	2, 4, 9 mm + fractionated	48x13 or 25x13 mm ²					
Fluence	(J/cm ²)	up to 95 @ 2 mm	up to 25					

VISIBLE AND INVISIBLE LASER RADIATION
 Avoid eye skin exposure to direct or scattered radiation
 Laser product: Class 4
 Aiming beam: Class 3R



Note: National local authorities may put restrictions to the parameters indicated in the above table, or may limit or remove certain intended uses. Specifications are subject to change without notice.

Quanta System products are manufactured according to the International standards and have been cleared by the most important International notified bodies. The Company is EN ISO 9001:2008 and EN ISO 13485:2012 certified. Quanta System S.p.A. was founded in 1985 and belongs to the E.I. En. Group (a public company listed in the Star segment of the Italian Stock Exchange) since January 2004. The company, divided into three business units (medical, scientific and industrial) is specialized in manufacturing of laser and opto-electronic devices.



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